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June 3, 1956

Reference: Contract [redacted]
Task Order No. 2
[redacted]

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Dear Sir:

In accordance with agreements reached at a meeting with [redacted]
[redacted] of your office, the following
information is submitted:

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1. In connection with the thermocouple generator discussed, information appears on this item in the magazine, "Electronic Design," dated May 1, 1956, page 83. We are attempting to obtain the reference mentioned in this article (Radio Amateur Handbook, 1955 edition, published in Moscow).

2. In "Chemical and Engineering News," dated May 28, 1956, the following item appeared: "The U.S. Army has established a research and development liaison group in West Germany. Headquartered in Frankfurt, the group will engage scientists and technicians for research work of interest to the Army. Hoping to promote research that is further advanced or not available in the U.S., the liaison group will finance and coordinate basic research in unclassified subjects in universities, research institutes, and industry." This is being organized by the Research and Development Division of the U.S. Department of the Army under the direction of Lt. Gen. Gavin. We would be very interested to know whether this group is sponsoring any work of interest to our Power Sources Study, and would be interested in obtaining an interview with this group. Please advise us as to when you can make the necessary arrangements.

3. In connection with the German thermocouple developed by Dr. Justi for Siemens and Halske AG, additional information has been received. While the demonstration of the Justi thermocouple to [redacted] was not made in strict confidence, the demonstration and [redacted] name and affiliation should not be mentioned in any future contacts to be made by the U.S. government.

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Beyond this precaution, however, government requests for information on the device would not be detrimental to [redacted] interests.

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Dr. Justi's work was done for the Siemens and Halske AG, and it is recommended that information requests be made to the company rather than to Dr. Justi. Dr. Justi has reported that he has been approached by several U.S. government agencies, each of whom was not aware of the interest of the others. It is, therefore, possible that substantial information is already contained in U.S. government files. We are not aware of any U.S. government requests for information on the Siemens and Halske AG.

The addresses you requested are as follows:

1. Dr. Edward Justi, Director
Physikalisches Institut
Technische Hochschule
Braunschweig, Germany
2. Siemens and Halske AG
Erlangen, Germany

A self-explanatory enclosure is submitted which gives information on the electrical energy available from a fuel cell operating from portable hydrogen supply.

Your commentary on all of the above submitted information would be appreciated.

Very truly yours,

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Contract Administration

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